

The study of the toxic properties of potential hepatoprotectors from new pyrimidine derivatives class

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Abstract

The basic toxic properties of the potential hepatic protectors of the pyrimidine derivatives class were studied on the basis of *Daphnia* culture experiments. These protectors are the new analogues of the domestic drug Xymedon. The doses of acute toxicity, the chronic toxicity and embryotoxicity values are determined. It was revealed that according to all the studied toxicometry parameters the 29-R compound has the least levels of toxicity.

Keywords

Daphnia, Hepatic protectors, Pyrimidine derivatives, Toxicity